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TIMOTHY M. MCCARTHY  
PAIGE A. KITZINGER

FOUNDED 1890 JAN 06 2006

PATENT, TRADEMARK, COPYRIGHT  
AND RELATED MATTERS: ALL PHASES  
INCLUDING LICENSING AND LITIGATION

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LEWIS T. STADMAN, SR.  
OF COUNSEL

**FACSIMILE TRANSMISSION**

TOTAL PAGES (Including Cover Page) 10 DATE: January 6, 2006

Commissioner of Patents and Trademarks  
TO: Attn.: Examiner Jessa A. Fenty FROM: Mr. James R. Foley, Reg. No. 39,979

FAX NO: (571) 273-8300 FAX NO: (312) 704-8023

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**NOTES:**

Inventors: Valeriy Sukharev et al.  
For: Copper-Low-K Dual Damascene  
Interconnect with Improved Reliability  
Art Unit: 2815  
Serial No.: 10/615,042  
Filed: July 8, 2003  
Attorney Ref.: 03-0509




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In re application of: Valeriy Sukharev et al.  
Serial No.: 10/615,042  
Filed: July 8, 2003  
Art Unit: 2815  
For: COPPER-LOW-K DUAL DAMASCENE  
INTERCONNECT WITH IMPROVED  
RELIABILITY

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COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a Response to the Office Action mailed October 6, 2005.

The filing fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)
	Claims Remaining After Amendment		Highest No. Previously Paid for	Present Extra
TOTAL	* 7	MINUS	** 20	0
INDEP.	* 3	MINUS	** 4	0
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				

SMALL ENTITY	
Rate	Addit. Fee
x 9 =	\$ .00
x 42 =	\$ .00
+ 130 =	\$ .00
TOTAL ADDIT. FEE	\$ .00

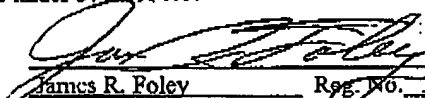
OR

LARGE ENTITY	
Rate	Addit. Fee
x 18 =	\$ .00
x 8 =	\$ .00
+ 260 =	\$ .00
TOTAL	\$ .00

- \* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.  
\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.  
\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.  
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- ☐ Please charge my Deposit Account No. 12-2252 in the amount of \$\_\_\_\_\_ to cover the filing fee. A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-2252.
- ☒ Any filing fees required under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17

Dated: January 6, 2006

  
James R. Foley  
Attorney of Record  
Reg. No. 39,979

In re application of: Valeriy Sukharev et al.  
 Serial No.: 10/615,042  
 Filed: July 8, 2003  
 Art Unit: 2815  
 For: COPPER-LOW-K DUAL DAMASCENE  
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	Claims Remaining After Amendment		Highest No. Previously Paid for	Present Extra
TOTAL	* 7	MINUS	** 20	0
INDEF.	* 3	MINUS	** 4	0
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				

SMALL ENTITY

Rate	Addit. Fee
x 9 -	\$ .00
x 42 -	\$ .00
+ 130 =	\$ .00
TOTAL	\$ .00
ADDIT. FEE	\$ .00

LARGE ENTITY

Rate	Addit. Fee
x 18 =	\$ .00
x 84 -	\$ .00
+ 260 =	\$ .00
TOTAL	\$ .00

OR

OR

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Dated: January 6, 2006

James R. Foley  
 Attorney of Record

Reg. No. 39,979

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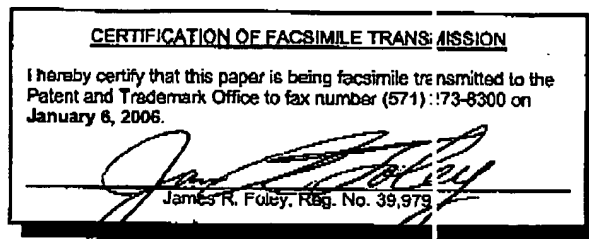
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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial No.: 10/615,042 )  
Filed: July 8, 2003 )  
Art Unit: 2815 )  
Examiner: Jesse A. Fenty )  
For: COPPER-LOW-K DUAL )  
DAMASCENE )  
INTERCONNECT WITH )  
IMPROVED RELIABILITY )  
Inventors: Valeriy Sukharev et al. )  
Attorney Ref: 03-0509 )



**RESPONSE TO OFFICE ACTION MAILED OCTOBER 6, 2005**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In the matter of the above-identified application and in response to the Office Action  
mailed October 6, 2005, kindly enter the following amendments and consider the following;  
remarks toward reconsideration of the present application.

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